

Title (en)
ILLUMINATION DEVICE

Title (de)
BELEUCHTUNGSVORRICHTUNG

Title (fr)
DISPOSITIF D'ÉCLAIRAGE

Publication
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Application
EP 17718944 A 20170425

Priority
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Abstract (en)
[origin: WO2017190979A1] The invention relates to an illumination device, in particular for a motor vehicle, comprising one or more multi-color LED units (3) which each have a settable color point and settable brightness, wherein each multi-color LED unit (3) is an individual semiconductor component having multiple single-color LEDs (301, 302, 303, 304) of different colors and a microcontroller (4), wherein the single-color LEDs (301, 302, 303, 304) and the microcontroller (4) are surrounded by a housing of the semiconductor component. The microcontroller (4) is designed to control each single-color LED (301, 302, 303, 304) of an associated multi-color LED unit (3) depending on a current temperature value of the associated multi-color LED unit (3) in such a way that a set color point and a set brightness are held constant during operation of the associated multi-color LED unit (3).

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Citation (examination)
• US 2010259198 A1 20101014 - MORGENBROD NICO [DE]
• WO 2004086822 A1 20041007 - SITRONIC ELEKTROTECH AUSRUEST [DE], et al
• US 2012306370 A1 20121206 - VAN DE VEN ANTONY PAUL [CN], et al
• US 8624527 B1 20140107 - MEIR NOAM [IL], et al

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